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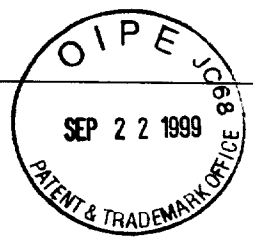


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TO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS:

SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.



1. NAME OF CONVEYING PARTY(IES) (ASSIGNOR(S)):

- 1. Paul D. HENDRICKS
- 2. Donald R. LATURELL
- 3. Lane A. SMITH
- 4. Steven B. WITMER

ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? YES NO

2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:

NAME: Lucent Technologies Inc.

ADDRESS: 600 Mountain Avenue, P.O. Box 636, Murray Hill, New Jersey 07974-0636

ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? YES NO

3. NATURE OF CONVEYANCE (DOCUMENT):

(Submit herewith only one document for recordation -- multiple copies of same Assignment signed by different inventors is one document)

ASSIGNMENT OF WHOLE PART INTEREST

EXEC. DATE: September 21, 1999

CHANGE OF NAME VERIFIED TRANSLATION

SECURITY MERGER OTHER:

4. EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH: (**NOTE**: IF DATES $\uparrow\downarrow$ DIFFER SEE ATTY!): September 21, 1999

4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? YES NO

| A. PAT. APP. NO.(S) series code/serial no | M# | 1ST INVENTOR if not in item 1 | B. PATENT NO(S) | M# | 1ST INVENTOR if not in item 1 |
|--|--------|----------------------------------|--------------------|----|--|
| 09/379,603 | 73-947 | HENDRICKS | | | |

5. Name & Address of Party to Whom Correspondence Concerning Document Should be Mailed:

FARKAS & MANELLI, P.L.L.C.
2000 M Street, N.W. 7th Floor
Washington, DC 20036-3307

6. NUMBER INVOLVED:
APPLNS 1 + PATS: = TOTAL 1

7. AMOUNT OF FEE ENCLOSED: (Code 581)
ABOVE TOTAL X \$40 = \$ 40

5.5 ATTY DKT:

73-947 HENDRICKS 8-31-12-15
MATTER NO. CLIENT REF.

8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 12-2325
UNDER ORDER NO: HENDRICKS 8-31-12-15
dup. sheet not required CLIENT/MATTER

9. STATEMENT AND SIGNATURE. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Signature: *William H. Bollman*

Attorney: William H. Bollman
Reg. No. 36,457

10. Total number of pages including this cover sheet, attachments and document (do not file dup. Cover sheet) 6

Atty/Sec:
09/27/1999 TTRAN: 00000032 122325 09379603
02 581 40.00 CH TEL: (202) 261-1020

Date: September 22, 1999
Fax: (202) 887-0336

FILE WITH PTO RETURN RECEIPT

ASSIGNMENT AND AGREEMENT

For value received, we, **Paul D. HENDRICKS**, of **Coopersburg**, in the County of **Lehigh** and State of **Pennsylvania**, **Donald R. LATURELL**, of **Allentown**, in the County of **Lehigh** and State of **Pennsylvania**, **Lane A. SMITH**, of **Easton**, in the County of **Northampton** and State of **Pennsylvania** & **Steven B. WITMER**, of **Spring Township**, in the County of **Berks** and State of **Pennsylvania** hereby sell, assign and transfer to Lucent Technologies Inc., a corporation of the State of Delaware, having an office at 600 Mountain Avenue, Murray Hill, New Jersey 07974-0636, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to **IMPEDANCE MATCHING WITH SIGMA DELTA FILTER** described in an application for Letters Patent of the United States, executed by us of even date herewith, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to Lucent Technologies Inc. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize Lucent Technologies Inc. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Lucent Technologies Inc. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to Lucent Technologies Inc. in the United States and in all countries foreign to the United States, or to such nominees as Lucent Technologies Inc. they may designate.

We agree that, when requested, we shall, without charge to Lucent Technologies Inc. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.


Paul D. HENDRICKS

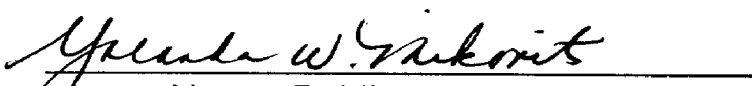
Date: 9/21/99

United States of America)

State of Pennsylvania) ss.:

City of Allentown)

On this 21st day of September, 19 99, before me personally came **Paul D. HENDRICKS**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.


Notary Public

Notarial Seal
Yolanda W. Mikovits, Notary Public
Allentown, Lehigh County
My Commission Expires Jun 30, 2001
Morristown, Pennsylvania Association of Notaries

Donald R. Laturell

Donald R. LATURELL

Date: 9/14/99

United States of America)

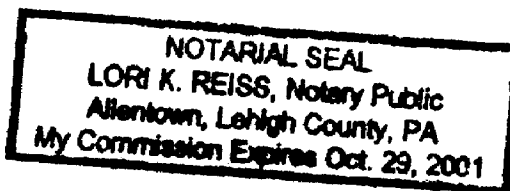
State of Pennz) ss.:

County of Lehigh)

On this 14 day of September, 1999, before me personally came **Donald R. LATURELL**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

[Signature]

Notary Public



Lane A. SMITH
Lane A. SMITH

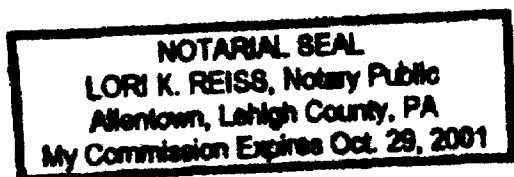
Date: 9-13-99

United States of America)

State of Penn) ss.:

County of Lehigh)

On this 13 day of September, 1999, before me personally came **Lane A. SMITH**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Lori K. Reiss
Notary Public

Steven B. Witmer
Steven B. WITMER

Date: 9-13-99

United States of America)

State of Penn) ss.:

County of Lehigh)

On this 13 day of September, 1999, before me personally came **Steven B. WITMER**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

[Signature]
Notary Public

NOTARIAL SEAL
LORI K. REISS, Notary Public
Allentown, Lehigh County, PA
My Commission Expires Oct. 29, 2001

Lucent Technologies Inc.
600 Mountain Avenue (Room 3C-512)
P. O. Box 636
Murray Hill, New Jersey 07974-0636